US EPA RECORDS CENTER REGION 5

466241

FIELD OVERSIGHT SUMMARY REPORT ACS NPL SITE GRIFFITH, INDIANA

JUNE 7, 1999 - JUNE 15, 1999



101 North Wacker Drive, Suite 1100, Chicago, Illinois 60606, (312) 346-3775

U.S.EPA American Chemical Service Inc. BVSPC Project 46518 BVSPC File C.3 June 18, 1999

Mr. Kevin Adler Remedial Project Manager U.S. Environmental Protection Agency Region V, SR-J6 77 West Jackson Boulevard Chicago, IL 60604-3590

Subject: Field Summary Report

Dear Mr. Adler:

Enclosed is a copy of the quarterly groundwater sampling field oversight summary report for your review. Quarterly sampling took place during the week of June 7, 1999, at the American Chemical Services Superfund site in Griffith, Indiana. Please call me at 312/683-7857 if you have any questions.

Sincerely,

BLACK & VEATCH SPECIAL PROJECTS CORP.

Chad Gailey

Project Geologist

ctg Enclosures

cc: S. Mrkvicka, BVSPC w/enclosures

t:\projects/acs-rac/letters/let27

USEPA/ARCS V BVSPC Oversight Summary

Reporting Period June 7 to 15, 1999 Hours Worked: 73

Site Name/Location: ACS/Griffith, IN BVSPC Project No.: 46518.238

USEPA Work Assignment Manager: Kevin Adler, RPM

Site Manager: Steve Mrkvicka

Personnel Summary Affiliation	No. of Personnel	Responsibility	
Lee Orsorz, Montgomery Watson, Addison, IL	1	Respondent's General Contractor	
Jennifer Smith, Judith Kinch, Rob Adams, Scott Sherman, Trisha Woolslayer, Satjad Ansari, and Dawn Daugher, Montgomery- Watson, Addison, IL	7	Field Sampling Crew (for quarterly groundwater sampling)	
Chad Gailey, Black & Veatch Special Projects Corp, (BVSPC)	1	USEPA Oversight Contractor	

Summary of field activities:

During the week of June 7, 1999, Montgomery Watson conducted quarterly groundwater sampling at the American Chemical Services (ACS) Site. Three Montgomery Watson field sampling crew were assembled to collect samples from monitoring wells within the ACS site boundary, the wetland area, the City of Griffith Landfill, and the areas that lie north, south, and east of the ACS facility. BVSPC's one-man crew conducted oversight of the field activities. A BVSPC representative accompanied the sampling team to ensure that proper sampling techniques were conducted. The specified operating procedure (SOP) for low flow groundwater sampling was adhered to by the sampling team. The BVSPC representative was tasked to collect split samples if the sampling technique differed from the SOP. BVSPC oversaw Montgomery Watson's sample paperwork procedures and decontamination set-up and routine.

Montgomery Watson collected 52 groundwater samples, and duplicate samples, matrix spike/matrix spike duplicate (MS/MSD) samples, and field equipment rinsate blanks. Of the 52 groundwater samples, 44 were required by the USEPA and the other 8 were collected for biological parameters to monitor natural attenuation. The monitoring wells sampled by

Montgomery Watson are listed in the field logbook notes, which are attached to this report. Montgomery Watson used the low flow sampling technique and monitored for stability of the following groundwater parameters: pH, specific conductance, and temperature. Groundwater turbidity was also monitored and samples were collected when three consecutive parameter readings were within 10 percent of the previous readings.

Five equipment rinsate blank were collected by Montgomery Watson to ensure that proper decontamination procedures yielded clean sampling equipment.

BVSPC noted problems with the dedicated tubing used to pump and sample. The tubing was difficult to handle. Numerous kinks were created that hindered flow. BVSPC recognizes dedicated tubing is an improvement over non-dedicated tubing and would suggest taking the next step with dedicated pumps.

Signature:	Chad Gailey	Date:	June 17,	1999

WATER is clear in Line but in bucket it has Dark Gong COLOR. Present from Mudare as tobes Top pH COR Do Took OR M.33 11.98 8,17 942 1055 6,2 129 ENNIFER SMITH ROBERT ADAMS FINAL WATER Paraprockers 1435 Potere John Nayes Soughay morgh Hi45 Fines SAMPLING Dross TO WTE. 16:00 Pulling field Blank 16:05 John Abyes, Pichne of him acfridge LENNIFER IS IN THE PLANT AREA control Durino Fiel Blank Picture into 13 ON PG 39 Pictures Logs IN WET LAMPS the bound Fill APER 16:16 Sampling is Dove, Patriage away North South of SPITES equipment Suchas Solles, Presenting, Coolers. Mw is Clowing Parking Single plus Egurapett to Return to Renters and their office. is in the Farmer field Prop For Sanding Boxxes, This,

16/07/9 06/07/29 Pickup Sumbes 44 Monaros m45 marioc Venuculité Jer Parting MUSIR mw45 Return to WATER TREATMENT BEL. m60 40 MW51 Sou Down Loration of Resolated wells on Resolated and the outside of all ste mash m w 18 mw48 m15 ATMOS4D These MRE SHIPE CONTICH COLLECT Fearal ix MATA Locks of in the Past Location of ConseRM. ARE CONCOVERED Run OFF DRAINGER CONTIDSO 4:45 Talk with the Surveyor Danious FOR HOME & OFFICE He is out SurvEying in The Now ORC WELLS 10:15 TAKESIHO SATIAD, HE LUS TAKING well measure, was though a Rough Time fino rells, First Time on site. -10:35 TALK to Dawn @ M55+D She FOUND STOFF WATER FO IS Aroll Dawn will have to get WADERS to MEASUREMENT. 11:25 TAIK TO Scott Back @ The WATER TREATMENT BLC. -12:00 Leux lt 120 40 Back From Lunch Judeth + Scott west to get the ATV, Januarder and Rob pictury to Benefator, may a (NTB).

Aprived an site exervene is present 7:15 from pravous list 06/07/94 Wentlow A SWAY 79 & GOING FOR GOF Light breeze to No BEEZO, Sampling Groups MRE AS Follows'

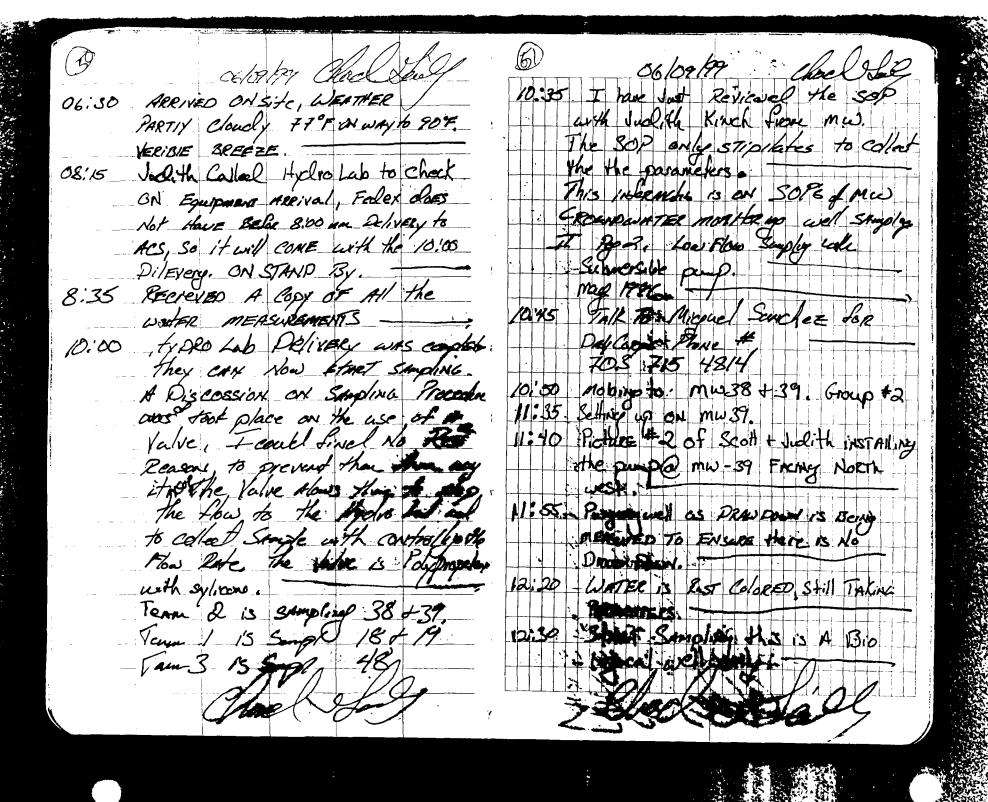
(1) Jennifer + Setjan

(2) Judith & Scott

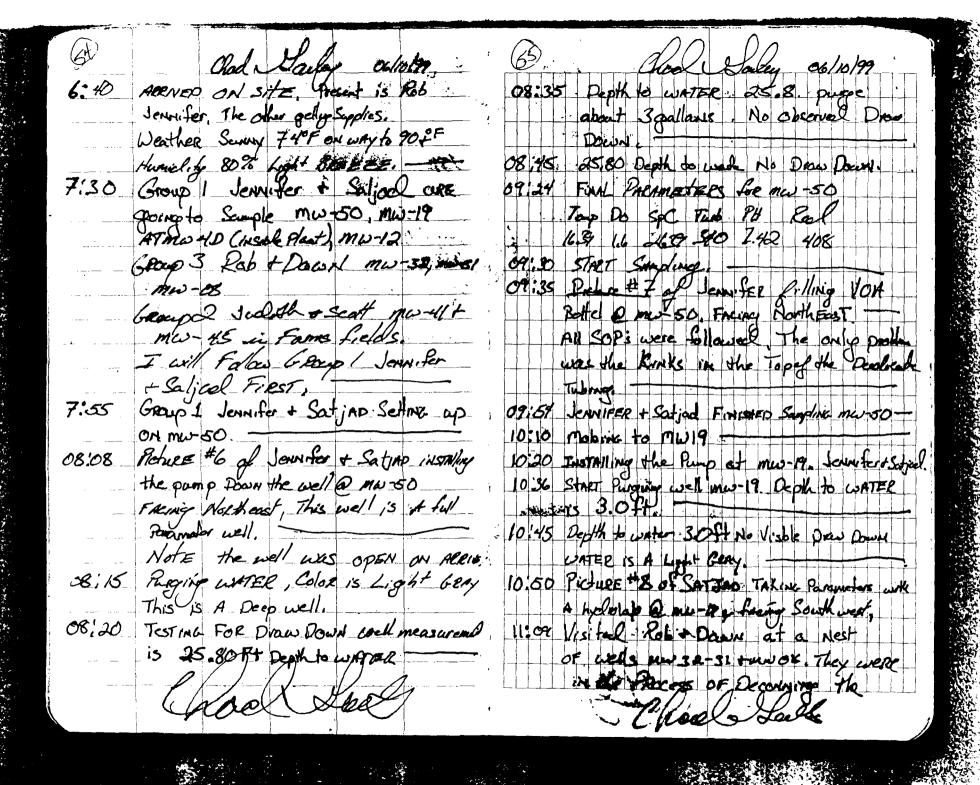
(3) Rob + Dawn

I will Follow Group # 2 Today

Judith & Spott * Note Picture loop is on Police OS: 25 Rob + Down are grown Back to the LembFill to complete growns WATER MEASUREMENTS. Scott is GETTING ICE. -Preprie Bottles AND WAITING FOR TO TAKE PARAMETES. -8:30 Juclith informed me that that that would not get the Hydro
Lob ground out it there coming
while good the Hydro his Tomaraw
below 0820, your for prour for
to mor for the Arry and the legalor



12:25 Pictore #3 at Just Silling 15:10 Picture # 5 of Scott of Sleel th Filling but Takek a mes 39 freing A VOA bOTTEL @ MW-39 FACTY Nothwest, this Bio well . DECOVING NORTHWEST, This is A Biological well. 13:00 FINISH Sampling MOSING to melust began to Raw & Lighting. 13:30 DET BACK TO WHITER TREATMENT Blow Return to MATER TREATMENT BELLOW with Group 2 for Egupment 14120 Purging MW 39, TAKING PHOMETER July the Selan may try to Sande MERSURING DRAW POWN. ADDITIONAL WELL ! Purge Rate is AT 300 pol /avi , 17:40 Weather Looks were wat come as 14:27 Picture #4 of Juclith taking a WATER Level MEASUREMENT CHECK WELL DROW DOWN @ mw-38 FARING South EAST, This is * Biologercal well. 14:35 Julith's Checking DrawDown as she Also manifors. WATER Quality PARAMETERS MATERIECUREN 5,50 FT No Draw Dom WATER is Clereming tomas intrally A Lite Rust Color The 15:10 Still Purging well Introdution's Dropping 15:20 Sample Trice From Handon Quest 5.0 16.32 1100 11 1682 461 697 189

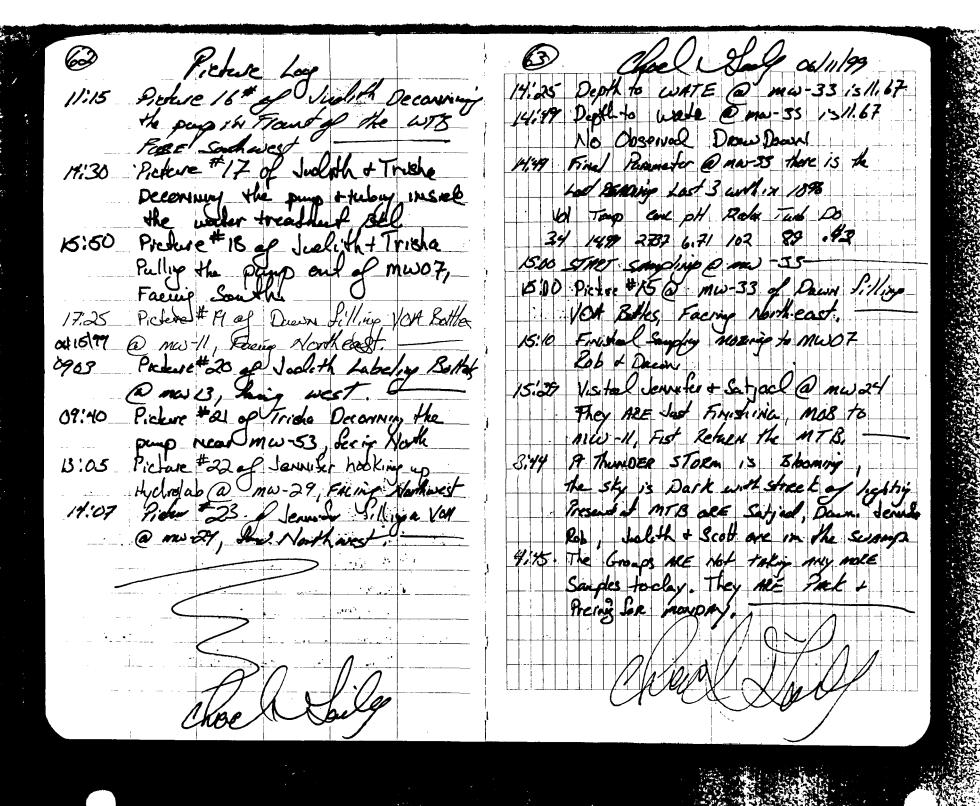


10:09 Rup and tubors on their way to Staple mwos. Down + Rob have completed water on musty is MW32 AND MW31. No Day Down RETURN to James and SATIAD 11:15 Street Sanday mor 19. Observed. Picture #9 of Saited Filling an 1575 Final Permoses @ mes -54 11:22 Amber Softle a mw 19 Faces South pH ORP Cona Tarb. 00 227 14.48 12:03 Finish Sampling, Now Pecanoning, Inst 3 Ranging within Swelith + Scott CIRE Just Coming 15:20 Picture # 10 at Pack Lilling of VOM battle a mws 54 facing out of the Frem fields, stopes to Ask Them which well they ARE 15:30 Ficking 44 of Dan Pol Pulling the Comp to Next. They ALE Goney to Return to me 38 45 12:36 Rob + Dawn alt Fixeshy MW 08 13:20 Jennifer + Satisal ARE Gust Sheep MAD Satisce @ MW-12 ATMUTO THIS WELL IS IN SIDE ACS LOUBY FENCE. 15:40 Return to MUNTER! TREMMENT BEL they are Just 14:00 Setting up on mas St. with Rob The from ARE goings + Paute /) : A is sing

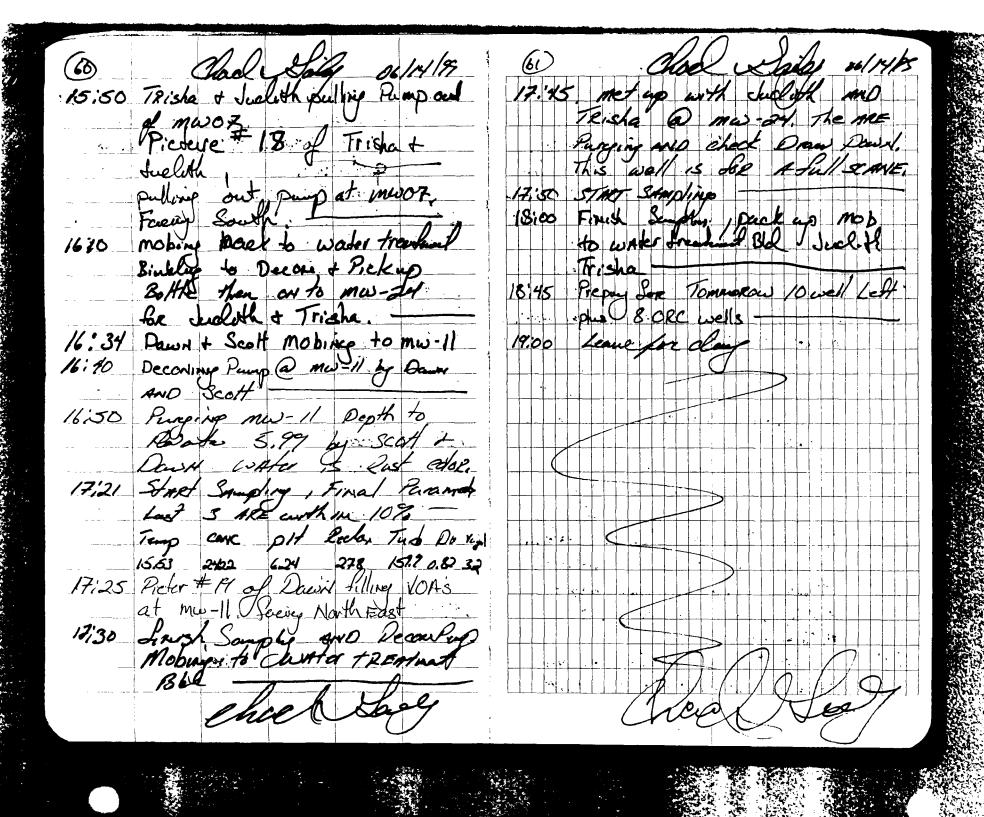
710 Patres # 13 of Setjan Decorning the Olad Lauley 06/11/99 APRIVED ON site, everyone present 7,00 pup @ MAD +MIS, frey Sadwest Weather 71°F orunto 90°F+ Light SREEZE Note rect is mys. kundle 85% we 60% chance of KAIN. Julith tokelyne they will be sugges MAD + MAS HEE NEET of wells. 9:20 Gong to Cheek ON Rob of Dawn. Hed well also to finish. Vais Found Rob Dan Lak Lik Sterry Jenus ou + Satjool HER comp to the family 07:40 Jedell Scott ALE group to HI MW-43 IN of Marsy Rob SWD the ATV 2011 som to Do This wall Pol & Dan + 47 as the farm field then into the Referre to with for softend Labels Keb Passer ale group to mes 51 108 May - 33,3/ 10:20 Famel Julik + Scot Purpu mu 47 Dept to water a may 7 6 63 No Dempen Jennifer + Satjaclare setting up on 07:53 10:41 St. 4 Taking Parameter Close to stated Zon M40 This will be for inclicator parameter 10:50 START Sympling this US A MS/MS/D only. Then M45 will be next for full scure. 08:12 Programp M40, Testing Draw Dawn. 11:50 Final Sunday Depth to WATER 10,20 12:25 Mobing to Water Treature Blel 8:33 Depth to warse 10,30 No woto 12:30 Lunch Draw Down Observed. 13:00 mobour to mw24 After cally 8:56 Final Parameter @ M40 lost 3 Rody in time sheets ARE within 10% 14:02 Setting up on mw = 33 Rob + Dager Temp 800 Spc Turb pH ORCELOPO 16:36 45 1333 10 757 533 14:10 Decarrier Rup 8:55 Picture # 12 @ M4D of Saitad 14:23 Picture # 14 of Dant Roo INSTAIL; NE and thing a roly of Lowery South the own @ my-33 " facing Northwest

Eichige #2 of scott & dealth INSTAILING The Pump a Massa FACING Northwest in the work -12:25 Picture # 2 of Jack the filling A VOA pottola MW39, FACING Northwest, This is A Biological well. Trung DO Come Tark pt Bales 456 24.2 KUS 24 19 Holo LAB WAS DICONACTO C BEFOR Sampling Took place All SOP sampling procedures were followed a 14:27 Birture #4 of Judith taking A WATER MEASUREMENT CHECK WILL DROWLDOW, DMW-38 FACING South EAST This is A Biological well. Picture #5 of scott + Selith filling out takes a mu-37 Facing Horthwat 0660/99 This is A Bio well. Picture #6 af Jennier + Sat no installure The pump Down the WELL @ MW-50 FACING. Northerst, This well is AMA YE/cal full manufer, Prefame "For Server Selling a VOA Botto 6935 a new-55, lacon Northoust.

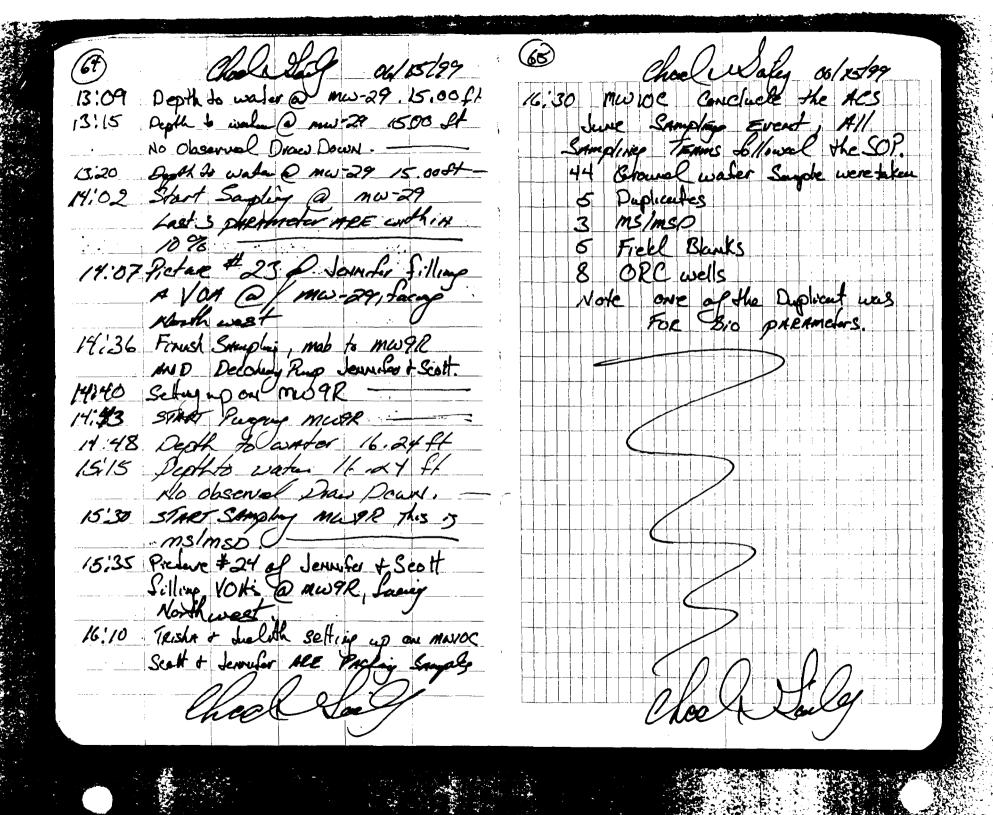
10.50 PICE ES OF SATURD TARME PARAMETERS with Mydon Lab @ mew to Facily Sathard 11:20 President Satura Filling and toller Bothe a more Fasey Continuent 15:20 Picture #10 ap Dound Siling a VOA Bottle 60 mas-54. Faces Fast (Tel wal) 15:30 Picture #11 of Down + Rob Palline the pump out of mus-54, focuse FAST. 8:55 Picture # 12 of Stack Pillings a poly D MyD Jany Broth This well does not have Declicated talking 9:10 Picture #1300 SATIAD DECONNING the and Tubical a m4D + m4S, Sacry South west I Note Nort is mus 14,20 Picture # 14 pp Dann Rab installing the Preso D Mes - 33 FARRY Nand west 15:00 Picker # 15 10 mes - 35 of Places Villinge YOR Rolles Facing Mothers. 15: 29 Vistal demissor + Satjal D MW-07.
Here work proppings to my B.



06/14/95 65 08:45 APRIVED Weather OVEL CAST 690F Light BREEZE Water TREATMENT Ble hack A little water Problem, Lee Preprie SOR MW-23 was Pumping water of the floor Seffere, up one me -23 Because of Plaged line, the OVER Flow Claime went off; Present is Dawn + Scott Grown 1, Group 2 is Judith + TRISH 13'30 10:15 Pagging P22 ORC Well Grap 1 Mobrando Maso 7 is declared Durn Scott, They ARE having a + Trisha Silturo Problem mobile to mesos After Teres The well is AN ORC well, Down, Scott BPC Cuell. ORE gooing to get a nother pump. Picocure #17 ap Juplith a I'm gover Brek with feelith to have well mw-37 10:40 ARRIVED @ MW-37, Currently 14:50 Parein ORG P24-Sampling. This going to Check on I cold truste Basi ISF Fiel Intromets. 4/2 271 2548 -10:50 Went Book to Dans Scott 15:35 to secif Pup was week WORKING FINE This is lak well set of Proporties.



Puran water ma 253 Porth 6:30 ARRIVED ONE the Prosent Just oth to water is 10,25 RA, 10 and myself, Trista, abserved Daw Down weather 58°F Sunne last Boreze. 10:20 Depth to weater 10:35 No observer 6:45 Trishe + Sweloth ARE Polling a field Blank in siche the with Start Sarphy @ Ma-35 medical Blet -S PARMETERS NOTE within 7:00 Jenny for AND Scott ARRIVE. -10% of end offer -7:30 dulth + Trushe molomor forus-53 11:10 Fires Sanday Mes -35 mothers 7:35 Jenuly + Scott muly to muso 08:05 July + Trisha ARE Paying MW 13 11:20 Penger well water poll. No MW-53 is Farther DOWN Depth to water 3.68 @ mw/3 12:00 Storet Sun plan 8:15 Cook to warder 3.68@ mw/3 Statulizal No observal Draw 12:26 Freed Son Mes 52 12:35 Pek up mob to walno trease 9:00 Sample Time @ Mw 13 Ble to get make bothers PARAMeter are with in 10% for for Justoth & Trishar. the fast three Reactions -12:55 Jenniser + Scott ARE mobing to 9:03 Picture # 20 of Judith Lobeling MUSR HAD my 29. 7 and BOTTES, (a) TAN 13 facy west, 9:30 Finish Sangley the July 3 observe the this offer Mont releth Trishe Alt nothing to new-49 Aprolicate 10 mw-13 1305 Picture # 22 af Jenni Fet hooking mobine to ma-53 hothwast Picture # 21 of Trusha Decorning the purp many new -57 land North







Proj. #: 46517/46518 Roll: 1 Photo #:2

Date: 06-09-99 Time: 11:40

Photographer:

Chad Gailey

Description:

Photo facing northwest at MW-39

of Scott Sherman and Judith Kinch installing the low flow

pump at MW-39

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #:3

Date: 06-09-99 Time: 12.25 Photographer: Chad Gailey

Description: Pl

Photo facing northwest at MW-39

of Judith Kinch filling a 40ml

VOA bottle.





46517/46518 Proj. #: Photo #: 4 Roll: 1

14:27 Date: 06-09-99 Time:

Photographer:

Chad Gailey

Photo facing southeast at MW-38 Description:

of Judith Kinch taking a water measurement to check well draw

down.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #:5

Time: Date: 06-09-99 15:40 Chad Gailey Photographer:

Description: Photo facing northwest at MW-39

of Judith Kinch filling out labels

for sample bottles.





Proj. #: 46517/46518 Roll: 1 Photo #: 6

Date: 06-10-99 Time: 08:08

Photographer:

Chad Gailey

Description:

Photo facing northeast at MW-50

of Jennifer Smith and Satjad Ansari installing the low flow

pump in MW-50.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #: 7

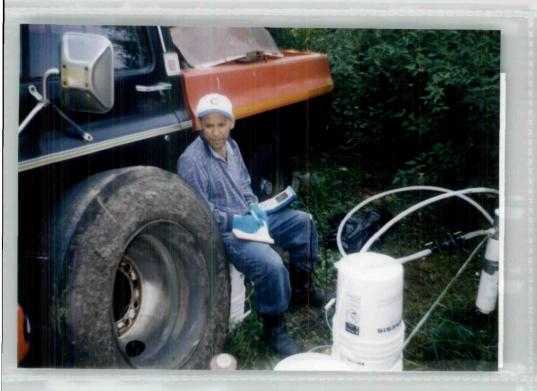
Date: 06-10-99 Time: 09:35

Photographer: Chad Gailey

Description: Photo facing northeast at MW-50

of Jennifer Smith filling a VOA

bottle at MW-50.





Proj. #: 46517/46518 Roll: 1 Photo #:8

Date: 06-10-99 Time: 10:50

Photographer: Chad Gailey

Description: Photo facing southwest at MW-19

of Satjad Ansari taking parameters with a hydrolab to measure water

quality.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #: 9

Date: 06-10-99 Time: 11:22

Photographer: Chad Gailey Description: Photo facing

Photo facing southwest at MW-19

of Satjad Ansari filling an amber

bottle for PAH's/Phenols.





46517/46518 Proj. #: Photo #: 10 Roll: 1

15:20 Date: 06-10-99 Time:

Chad Gailey Photographer:

Photo facing east at MW-54 of Description:

Dawn Daugher and Rob Adams

filling VOA bottles.

Site: American Chemical Services, Inc.

46517/46518 Proj. #: Photo #:11 Roll: 1

15:30 Time: Date: 06-10-99

Chad Gailey Photographer:

Photo facing east at MW-54 of Description:

Dawn Daugher and Rob Adams pulling the low flow pump out of

MW-54.





46517/46518 Proj. #: Photo #: 12 Roll: 1

08:55 Time: Date: 06-11-99

Photographer:

Chad Gailey

Description:

Photo facing south at M4D of Satjad Ansari filling a poly for

RCRA metals.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Photo #: 13 Roll: 1

Date: 06-11-99 Time: 09:10 Photographer: Chad Gailey

Description:

Photo facing northwest at M4D of

Satjad Ansari Deconning the pump and tubing for M4S.





Proj. #: 46517/46518 Roll: 1 Photo #: 14

Date: 06-11-99 Time: 14:20

Photographer:

Chad Gailey

Description:

Photo facing north west at MW-

33 of Dawn Daugher and Rob Adams installing the pump in

MW-33.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #:15

Date: 06-11-99 Time: 15:00

Photographer: Chad Gailey

Description: Photo facing northeast at MW-35

of Dawn Daugher filling a 40ml

VOA bottle.





46517/46518 Proj. #: Photo #:16 Roll: 1

11:15 Time: Date: 06-14-99 Chad Gailey

Photographer:

Photo facing southwest of Judith Description: Kinch deconning the low flow

pump and tubing in fount of the

water treatment building.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #:17

Date: 06-14-99 Time: 14:30 Photographer: Chad Gailey

Photo facing south inside the Description:

water treatment building

deconning the low flow pump and

tubing for MW-07.





Proj. #: 46517/46518 Roll: 1 Photo #:18

Date: 06-14-99 Time: 15:50

Photographer:

Chad Gailey

Description:

Photo facing south of Judith

Kinch and Trisha Woolslayer pulling the low flow pump out of

MW-07.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #:19

Date: 06-14-99 Time: 17:25 Photographer: Chad Gailey

Description: Pho

Photo facing northeast of Dawn

Daugher filling a VOA bottle.





W

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #:20

Date: 06-15-99 Time: 09:03

Photographer: Chad Gailey

Description: Photo facing west at MW-13 of

Judith Kinch labeling bottles for

MW-13.

Site: American Chemical Services, Inc.

Proj. #: 46517/46518 Roll: 1 Photo #:21

Date: 06-15-99 Time: 09:40

Photographer: Chad Gailey

Description: Photo facing north of Trisha

Woolslayer deconning the low flow pump near MW-53 for MW-

52.





Proj. #: 46517/46518 Roll: 1 Photo #:22

Date: 06-15-99 Time: 13.05

Chad Gailey Photographer:

Description: Photo facing northwest at MW-29

of Jennifer Smith hooking up the Hydrolab to take water quality

parameters.

Site: American Chemical Services, Inc.

46517/46518 Proj. #: Photo #:23 Roll: 1

Date: 06-15-99 Time: 14:07 Chad Gailey

Photographer:

Photo facing northwest at MW-29 Description:

of Jennifer Smith filling a VOA

bottle.



Proj. #: 46517/46518 Roll: 1 Photo #:24

Date: 06-15-99 Time: 15:35 Photographer: Chad Gailey

Description: Photo facing northeast at MW9R

of Jennifer Smith and Scott Sherman filling VOAs.